1972
COST ANALYSIS WORK SHEET - BELL PEPPERS-TRANSPLANTED - FRESNO COUNTY
BASED ON A YIELD OF 400 CARTONS WEIGHING 30 LBS. EACH

Man labor at $2.30 per hour total and equipment operator $2.60 including Social Security and Workman's Compensation Insurance. Tractors: 80 h.p. tracklayer per hour cash costs $4.70, depreciation $2.00, interest $1.50. 50 h.p. wheel diesel $1.60, $1.15, and 60c. 80 h.p. wheel tractor $2.50, $2.00, and $1.00.

<table>
<thead>
<tr>
<th>Sample Costs</th>
<th>My Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Acre</td>
<td>Per Carton</td>
</tr>
</tbody>
</table>

**Pre-Harvest Cash Costs.**

- Disc 2X: 1 hr. man and tracklayer $7.30
- Landplane 2X: ½ hr. man and tracklayer 1.65
- Chisel 2X: 1 hr. man and tracklayer 7.30
- Disc 1X: ½ hr. man and tracklayer 1.30
- Bed and apply fertilizer: ½ hr. 80 h.p. wheel tractor 2.25
- 50 lbs. N (dry material) at 6c 6.00
- Pre-irrigate: 8" water at $12.00 ac. ft. including booster 8.00
- Labor 3.00
- Harrow 1X: ½ hr. 50 h.p. - wheel tractor 1.05
- Incorporate herbicide and shape beds
  - Custom rate 6.00
  - Materials 12.50
- Transplant:
  - Plants: $100/ac. to grow and pull 100.00
  - Labor: 8 man hrs. per acre 18.40
  - 2 hrs. man and 50 h.p. tractor 8.40
  - 2 hrs. water truck and driver 8.60
- Cultivate 3X: and fertilize 1X:
  - 1½ hrs. 50 h.p. wheel tractor 6.30
  - Fertilizer 45.00
- Irrigate 13X: water 3 ac. ft. at $10.00 30.00
- 13 hrs. labor 29.90
- Hoe weeds 2X: 7 hrs. man labor 16.10
- Pest control: materials 3.30
- Applications (air)
  - Rent: (12 months) 65.00
- Repairs: except tractors and truck 10.00
- Misc. labor and materials, inc. 1 hr.
  - 50 h.p. wheel tractor 9.75
- Office, car, business costs 49.20
- Supervision 10.00

**TOTAL PRE-HARVEST CASH COSTS:** $513.15 $1.29

**Harvesting Costs:**

- Pick and pack 35c carton $140.06
- Carton 37c each 148.00
- Waxing 10c carton 40.00
- Haul 9c carton 36.00

Approximately 3 tons of peppers for processing may be harvested. All costs except harvest are charged to the fresh market production. Harvest costs would be about $22.00 per ton.

**TOTAL HARVESTING COSTS** $364.06 .91

**TOTAL CASH COSTS** $879.15 $2.20
### Depreciation:

| Building and equipment except truck and tractors: $90.00 cost 10 yrs. life | $9.00 |
| 80 h.p. tracklayer: 2 hrs. at $2.00 | 4.00 |
| 80 h.p. wheel tractor: ½ hr. at $2.00 | 1.00 |
| 50 h.p. wheel tractor: 4 3/4 hrs. at $1.15 | 5.46 |

**TOTAL DEPRECIATION (tenant)**: $19.46  
**.04**

### Interest on Investment at 7%:

| Buildings and equipment except truck and tractors: ½ cost $45.00 | $3.15 |
| 80 h.p. tracklayer: 2 hrs. at $1.50 | 3.00 |
| 80 h.p. wheel tractor: ½ hr. at $1.00 | .50 |
| 50 h.p. wheel tractor: 4 3/4 hrs. at $.60 | 2.85 |

**TOTAL INTEREST ON INVESTMENT (tenant)**: $9.50  
**.02**

**TOTAL COST OF PRODUCTION (tenant)**: $908.11  
**$2.27**

### Sample Costs of Production at Varying Yields

<table>
<thead>
<tr>
<th>Yield: 30 lb. cartons per acre</th>
<th>350</th>
<th>400</th>
<th>450</th>
<th>500</th>
<th>550</th>
<th>600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash costs only: per carton</td>
<td>2.38</td>
<td>2.20</td>
<td>2.05</td>
<td>1.94</td>
<td>1.85</td>
<td>1.78</td>
</tr>
<tr>
<td>Total costs per carton</td>
<td>2.46</td>
<td>2.27</td>
<td>2.12</td>
<td>2.00</td>
<td>1.91</td>
<td>1.83</td>
</tr>
</tbody>
</table>

### Sample Costs per Carton at the Indicated Yields with Varying Water Costs

<table>
<thead>
<tr>
<th>Yield: Cartons per acre</th>
<th>Total cost per carton of bell peppers at the indicated water costs per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$1.00</td>
</tr>
<tr>
<td>350</td>
<td>2.37</td>
</tr>
<tr>
<td>400</td>
<td>2.19</td>
</tr>
<tr>
<td>450</td>
<td>2.05</td>
</tr>
<tr>
<td>500</td>
<td>1.93</td>
</tr>
<tr>
<td>550</td>
<td>1.84</td>
</tr>
<tr>
<td>600</td>
<td>1.76</td>
</tr>
</tbody>
</table>

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4/10/73

Farm and Home Advisors  
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